

CLAIM AMENDMENTS

Claims 1-5, 9-18, 20, 21, 24 and 25 are pending in the application. Claim 8 is canceled herein.

1 1. (Previously Presented) A display system receiving a video signal from a
2 computer and displaying a picture on a screen corresponding to the video signal,
3 comprising:

4 an input terminal;

5 a signal processor converting an input signal applied to the input terminal into an
6 output signal to be recognized by the computer;

7 a data interface coupled to the signal processor and connected between the
8 computer and the display system; and

9 a controller transmitting the output signal to the computer via the signal processor
10 and the data interface and generating an activation control signal to the input terminal and
11 an output terminal when the input signal represents an activation signal to initiate an
12 increase in consumption of energy by an external apparatus coupled to the input and
13 output terminal.

1 2. (Previously Presented) The display system of claim 1, further comprising:

2 a memory; and

3 the controller regulates the signal processor to convert the input signal into a
4 control signal controlling the computer, stores the control signal in the memory, and
5 transmits the control signal from the memory to the computer via the data interface.

1 3. (Previously Presented) The display system of claim 1, further comprising an
2 on-screen display generator providing a variable video display for setting up a displaying
3 condition, wherein the controller controls the on-screen display generator to generate the

4 video display in response to the input signal.

1 4. (Previously Presented) The display system of claim 1, further comprising:
2 an input mode selector providing one of a computer input mode and a display
3 system input mode for respectively recognizing the input signal as an output signal to be
4 applied to the computer and as a control signal for controlling the display system; and the
5 controller transmits the input signal to the computer via the signal processor and the data
6 interface in the computer input mode, and the controller controls the display system in
7 response to the input signal in the display system input mode.

1 5. (Previously Presented) The display system of claim 1, further comprised of the
2 input terminal coupled to at least one of a mouse and a keyboard.

1 6. (Canceled)

1 7. (Canceled)

1 8. (Canceled)

1 9. (Previously Presented) A display device, comprising:
2 a controller;
3 an input terminal coupled to the controller disposed to receive an input signal;
4 an input and output terminal coupled to the controller disposed to receive a video
5 signal and transmit an output signal;
6 an input mode selector coupled to the controller selectively providing a computer
7 input mode and a display device input mode;
8 the controller transmitting the output signal in response to reception of the input

9 signal during the computer input mode; and

10 the controller controlling the video signal in response to reception of the input
11 signal during the display device input mode and generating an activation control signal to
12 the input and output terminal when the input signal represents an activation signal to
13 initiate an increase in consumption of energy by an external apparatus coupled to the
14 input and output terminal.

1 10. (Previously Presented) The display device of claim 9, further comprise of the
2 controller converting the input signal into the output signal in accordance with the
3 computer input mode.

1 11. (Previously Presented) The display device of claim 9, further comprising:
2 a video display device; and
3 a computer coupled to the input and output terminal, wherein the computer
4 transmits the video signal to the video display device and receives the output signal from
5 the video display device.

1 12. (Previously Presented) The display device of claim 9, further comprising an
2 input device disposed outside the display device, coupled to the input terminal, and
3 providing the input signal to the display device.

1 13. (Previously Presented) The display device of claim 12, wherein the input
2 device comprises one of a mouse and a keyboard.

1 14. (Previously Presented) The display device of claim 9, further comprise of the
2 input mode selector disposed outside the display device and coupled to the input
3 terminal.

1 15. (Previously Presented) The display device of claim 14, wherein the input
2 device comprises one of a mouse and a keyboard.

1 16. (Previously Presented) The display device of claim 9, further comprised of
2 the controller responding to reception of the input signal by generating a shut down signal
3 for consumption of power by an external apparatus coupled to the input and output
4 terminal.

1 17. (Previously Presented) The display device of claim 9, further comprised of
2 the controller generating a shut down control signal to the input and output terminal when
3 the input signal is a shut down signal for shutting down to reduce consumption of power
4 by an external apparatus coupled to the input and output terminal.

1 18. (Previously Presented) The display device of claim 9, further comprised of
2 the controller responding to reception of the input signal representing a password signal
3 by activating an external apparatus coupled to the input and output terminal.

1 19. (Canceled)

1 20. (Previously Presented) Controlling a display device, with the steps comprised
2 of:

3 receiving an input signal from a mouse or a keyboard at an input terminal of the
4 display device;

5 receiving a video signal and transmitting an output signal via an input and output
6 (I/O) connector disposed within the display device;

7 alternatively selecting one of a first mode and a second mode;

8 converting the input signal into a converted signal to be identified by a computer
9 when the first mode is selected;

10 transmitting the converted signal via the I/O connector to the computer for
11 analysis;

12 controlling a display of the display device in response to the input signal when the
13 second mode is selected;

14 making a determination of whether the input signal is a shut-down signal or an
15 activation signal for activating an external apparatus coupled to the I/O connector; and

16 applying a control signal to the I/O connector to regulate energy consumption by
17 an appliance coupled to the I/O connector in dependence upon the determination.

1 21. (Previously Presented) The method of claim 20, the converting step
2 comprising a step of:

3 converting the input signal into an output signal functionally controlling the
4 computer coupled to the I/O connector when the first mode is selected.

1 22. (Canceled)

1 23. (Canceled)

1 24. (Previously Presented) Controlling a display device, with the steps comprised
2 of:

3 receiving an input signal from a mouse or a keyboard at an input terminal of the
4 display device;

5 receiving a video signal and transmitting an output signal via an input and output
6 (I/O) connector disposed within the display device; alternatively selecting one of a first
7 mode and a second mode; converting the input signal into a converted signal to be

8 identified by a computer when the first mode is selected;
9 transmitting the converted signal via the I/O connector to the computer for
10 analysis;
11 controlling a display of the display device in response to the input signal when the
12 second mode is selected;
13 making a determination whether the input signal is identical to a reference; and
14 generating to the I/O connector an activation control signal for activating an
15 external apparatus coupled to the I/O connector in accordance with the determination.

1 25. (Previously Presented) Controlling a display device, with the steps comprised
2 of:

3 receiving an input signal from a mouse or a keyboard at an input terminal of the
4 display device;

5 receiving a video signal and transmitting an output signal via an input and output
6 (I/O) connector disposed within the display device;

7 alternatively selecting one of a first mode and a second mode;

8 converting the input signal into a converted signal to be identified by a computer
9 when the first mode is selected;

10 transmitting the converted signal via the I/O connector to the computer for
11 analysis;

12 controlling a display of the display device in response to the input signal when the
13 second mode is selected;

14 making a determination whether the input signal is not identical to a reference; and

15 preventing the input signal from being transmitted to the I/O connector in
16 accordance with the determination.

1 26. (Canceled)